

The Anchorage Amateur Radio News Bulletin

March, 1994

Anchorage Amateur Radio Club Newsletter
Editor - Harvey Rookus, NL7DK

Vol. 23, No. 3

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MARCH PROGRAM

Augie Hiebert,
Pioneer Alaskan
Broadcaster &
Amateur

See You There!

March Program: Augie Hiebert, Pioneer Alaskan Broadcaster and Amateur

Alaskan Broadcast and Amateur Radio Pioneer Augie Hiebert will be our guest speaker at our next meeting on March 4th. Augie came to Alaska in the late 30's to help Colonel Lathrop build KFAR in Fairbanks. He later built KENI here in Anchorage for the Colonel before going out on his own to build KTVA Channel 11 in Anchorage, Alaska's first television station and KTVF Channel 11 in Fairbanks.

Augie Hiebert then bought his own radio station in Fairbanks and renamed it KCBQ after his old ham callsign K7CBQ. He is responsible for bringing same day network television newscasts to Anchorage, first by tape flown up from Seattle, and then via satellite.

It was Augie's vision that led to the

creation of the RATNET, Rural Alaskan Television Network, a unique broadcasting operation. RATNET brings both commercial and public television programming to more than 180,000 Alaskans over about 240 translators and Low Power Television stations across the state.

Almost everyone served by the RATNET is unable to get over-the-air television from any other source. RATNET is different from any other relay operation in the 50 states since it can carry both commercial and non-commercial programming, and because the relays do not have to be simultaneous with the originating station. To hear more about Augie Hiebert's pioneering in broadcasting, come to the meeting. See You There!

New Computer Needed For KL7AA-7 BBS

The Technical Committee and the KL7AA-7 BBS Sysop presented a proposal at the February Board Meeting for replacing the BBS computer with a new 486/66DX2 computer. The Board of Directors voted to present the proposal to the membership at the next meeting with the recommendation to make the replacement as proposed.

The existing 386/16SX computer has been plagued with difficulties with the hard drive and the central processor speed is no longer fast enough to handle

Packet traffic efficiently. The computer is equipped with only two megabytes of random access memory and this also limits the efficiency of the bulletin board system.

The 154 megabyte hard drive has been in constant use for the past three and a half years and is now only 80 percent usable due to the hard use it has seen.

Mel, AL7PB, the KL7AA-7 BBS Sysop, reports that the 120 megabytes of usable

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Nominating Committee Selected Mail-In Ballots Scheduled This Year

Election time for AARC club officers and directors is fast approaching. Nominations are scheduled to be announced at the April general meeting and elections will be held during the June general meeting. Voting by mail will be allowed as provided by the club's Rules and Procedures. Bill Beach, AL7MM, Bill Barber, KL7GM and Richard Mote, AL7MO, have volunteered to act as this year's Nominating Committee. Richard will be the

Chairman of this year's Nominating Committee.

Each year, the club votes to elect from the nominees a President, Vice-President, Activities Manager, Secretary, Treasurer, six One Year Board Members and one Three Year Board Member. There are three Board Members who serve terms of three years each. The terms are staggered such that only one of the three is up for election or re-election each

year. Every ten years, the club votes to elect the Trustee, whose office is to run concurrent with the KL7AA club station license.

The club's Rules and Procedures allow voting by mail. The ballots must be received by the June 3rd general meeting. A ballot for voting by mail will be published in the May and June Newsletters with the names of those that have been nominated as of the April general meeting.

At the March general meeting, the club will be asked to vote on several important items of business. First, the Technical Committee and the KL7AA-7 Bulletin Board Sysop have submitted a recommendation to replace the computer used for the BBS with a newer, faster and more dependable computer. If the membership votes to approve their request, the present computer will be moved over to the Satellite Gateway station which needs a fulltime computer for transferring traffic between the BBS and the Outside.

The membership will also be asked to decide if the club will accept the invitation of the South Central Radio Club to participate with them at Field Day in June. Details of the SCRC's invitation and Field Day operation were published in last month's Newsletter. The SCRC's invitation is a good opportunity for those club members who are interested in Field Day to participate, while other club members can plan on attending the Bush Net Picnic at Byers Lake the same weekend.

If the membership decides that it wants to operate a separate Field Day event, then we will form a Field Day Planning Committee from the members present at the March meeting.

See You At The Meeting and Remember the AL7MO.

The ballots must be placed inside a sealed envelope and labeled as the mail vote of the member submitting it. The sealed envelope is to be mailed to the Club Secretary inside a larger envelope. *Only those ballots mailed to the Club Secretary care of the club's Post Office Box 101987, Anchorage, Alaska 99510-1987, will be counted in the June elections as a mail-in ballot.* Any mail-in ballots mailed to any other officer or to any other address will be disqualified and will be discarded.

At the June general meeting, the elections tabulating committee will confirm that the ballot is for a member of the club who is not in attendance that evening.

The Anchorage Amateur Radio News Bulletin is the monthly newsletter of the Anchorage Amateur Radio Club. Letters to the Editor and articles for publication should be submitted to Harvey Rookus, NL7DK, 3310 Checkmate Drive, Anchorage 99508. Telephone number (907) 333-4693. Articles and Notices for the paper should be typewritten or on IBM compatible formatted computer disks (5.25 or 3.5 inch). Graphic illustrations for articles are also welcome. Deadline is the 20th of each month.

Calendar

MARCH

Meeting 4th
Iditarod Starts 5th
Board Meeting 9th
Great Alaskan QSO Party
19 - 20th

Real Life Sketches

by Harvey Rookus, NL7DK

Real Life Sketches

Harvey - NL7DK Newsletter
Editor & Former Bootlegger!!
XYL - Wilma

You have to put up with this one because I ran out of time. I was born in Long Beach, California in 1923 and completed all my schooling there.

My working life started in 1942 on a Corps of Engineers Survey crew in the California and Arizona desert doing preliminary mapping and layout of two Air Force bases. Dateland AFB in Arizona and Thermal AFB in Thermal, California. From July to October the temperature averaged about 112 in the daytime and 90 at night.

In February 1943 I was drafted and ended up taking Combat Engineer Training at Fort Leonard Wood, Missouri; plus a Geodetic Computing School at the University of Kentucky at Lexington.

Then the rest of 1943 was spent in an Engineering Pool at Camp Claiborne, Louisiana. By train to Shenando, PA, train to Newport News, VA, Liberty ship (SS Geo Davies) with 92 other ships in convoy, for 21 days, ending up in Oran, Algiers.

After two weeks in Oran, 21 days on a British Troopship, (HMT Lancastershire) I ended in Bombay, via Aden, UAR; Columbo, Ceylon on March 20, 1944. Then by third-class rail to Calcutta, India.

I ended at a Replacement Depot at a place called Baidyabati, India. By answering roll call one morning I ended up in a Cryptographic class, and six-weeks later I was a Cryptographer, Hi, Hi!

On to Kunming, China, via Chabua, Upper Assam, over the Infamous Hump on a C-46. I was only in a Signal unit for about two weeks, then I ended up in the Engineering HQ of the HQ Chinese Training and Combat Command, as a Draftsman.

I made many interesting forays through the southern part of China, via InterChina Air, jeep, sampan and on foot. These were road inspection trips to see what could be done to replace bridges that had been destroyed by the Japanese.

The war ended without me being asked, as I was on a convoy headed for Shanghai, when we were told to turn around, with no explanation. Left China on October 1945, via C-54, landing at Kharagpur, an abandoned B-29 base in India. Then at another base, Kanshipiro waiting for enough points to get home.

Left Calcutta 7 December 1945 on the USS General Brooks, and after a rough crossing of the Atlantic, arrived in New York on 3 January 1946. Left the service on 13 January 1946 at Fort MacArthur, San Pedro, California.

Started with Richfield Oil Corp. in Sept. 1946 as a Draftsman, then entered the Surveying Field

with the company. I became a Licensed Land Surveyor in 1955 and was in charge of Surveying and Mapping for Richfield in Southern California, with a few side trips until 1973. I later became licensed as a Surveyor in Alaska and Utah.

Came to Alaska in 1973 as a Survey Supervisor on loan to Alyeska Pipeline Co. to help layout and build the TransAlaska Pipeline.

After almost four years on the pipeline, it was back to now Atlantic Richfield Co. working at Prudhoe Bay on the North Slope until I retired on 1 June 1983, after 37 years with the company. We liked it here so we stayed.

I spent many years crewing on Ocean Racing sailboats. Two races to Honolulu, 1967 and 1969. Then a race to Tahiti, a 23 day adventure. Have only sailed once in Alaska, in Prince William Sound.

I have been in the background of Ham Radio all my life I guess, but with the exception of getting caught bootlegging on 5 meters in 1939, did not have anything to do with the FCC until I received my license in 1984, the first test in the 50 states given under the VEC program.

I have worked the Iditarod about six times. I was Club President 1987-1989 and have been Newsletter Editor for more years than I will admit.

(Continued on page 5)



Great Alaskan Earthquake QSO Party March 19-20th

Reprinted with permission from the South Central Radio Club Newsletter.

The annual Alaska QSO Party is held on the 3rd weekend of March, every year. While this event is primarily a QSO party, a secondary purpose for Alaskan amateurs is remembrance of the 1964 Alaska Earthquake.

It serves to remind Alaskans (and others) to be ready at all times for the unexpected. This year marks the thirtieth anniversary of the Alaskan Earthquake.

Amateur radio operators transmitted thousands of messages in the days following the Alaskan Earthquake, in some cases providing the only effective means of communication for several days. In light of the recent events in California and in the Midwest (fires, earthquakes and floods) - we are reminded yet again that preparation is everything!

CONTEST RULES

Period of Operation and Eligible Stations:

The contest begins at 0000Z on the third Saturday of March, and continues until 2400Z the following Sunday evening (48 hours total). Alaskan stations: please note that the contest actually begins at 3 PM AST on the preceding FRIDAY afternoon.

Alaskan stations may work any station (including other Alaskans), others work any Alaskan station. You must work at least 10 Alaskan stations to receive a certificate.

Certificate for the highest score is given in each category. Any station submitting a log showing contacts with 10 or more Alaskan stations during the contest period will receive a participation certificate.

Categories:

- A = Single Operator (Alaska)
- B = Single Operator (Alaskan QRP)
- C = Multi Operator (Alaska)
- D = Single Operator (Non-Alaska)
- E = Single Operator (Non-Alaskan QRP)
- F = Multi Operator (Non-Alaska)

QRP stations are limited to 10 watts or less output.

Contest Exchange:

1. Station call sign (at least your own, both are acceptable)
2. QSO number and category (see examples)
 - 3a. Alaskan stations send Alaska City name
 - 3b. USA Non-Alaskans send US State
 - 3c. Non-USA (DX) send country or city

Sample Contest Exchanges:

Alaskan to any station: W5ABC de KL7ZZ NR 150A Anchorage

USA to Alaskan: KL7XYZ de W5ABC NR 210D TX

DX to Alaskan: KL7XYZ de G4AAA NR 75D London

Scoring:

SSB/AM/FM 1 point per contact.
CW/DATA/TV 2 points per

contact. Satellite (any mode) 10 points per contact.

Bonus points:

160M contacts count TRIPLE score, 80/75M contacts count DOUBLE score.

Modes:

There are four recognized modes. Voice includes SSB, AM and FM. Data includes RTTY, AMTOR, PACTOR, CLOVER, Packet, and ASCII. CW indicates manually sent and received MORSE code. TV includes Video (slow or fast scan) and FAX.

Working the same station on a different band (or a different mode on the same band) counts as a new contact. Duplicate contacts (same band, same mode) may not be included in any claimed score.

Multipliers:

Non-Alaskan stations: Multiply total QSO points (calculated per scoring formula above) by the total number of Alaskan cities worked. Each city may be counted once per mode and band.

Note: There are approximately 250 recognized separate towns in Alaska, with about two-thirds of them having at least one radio amateur.

Alaskan stations: Multiply QSO points by the total number of states and countries worked. Each may be counted once per mode and band.

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(Continued from page 4)

Treasurer's February Report

**Suggested Operating
Frequencies:**

Regular CW and Phone stations use 25 KHz window, starting at 25 KHz from the lower band or sub-band edge. If mode and/or license restrictions are applicable, use appropriate sub-bands. Specific mode stations (RTTY, satellite, etc.) and Novice stations should use normal band plans appropriate to their mode and license requirements.

Example: For 20 Meters CW 14025 - 14050; RTTY 14075 - 14100; Phone 14175 - 14200 (Extra and Advanced); and Phone 14250 - 14275 (General & Up).

Entries must be received no later than June 30th. Enclose a large (#10) self addressed envelope and sufficient US postage or IRCs to receive certificate. Mail to the South Central Radio Club c/o 8023 East 11th Court, Anchorage, Alaska 99504-2003.

(Continued from page 3)

In August 1993 Wilma and I celebrated 50 years of married life together, during which she has been very supportive of my sailing and other varied hobbies. She is not a Ham, but is very supportive of the Ham program, being in the background pushing me along when needed.

We have done quite a bit of traveling, via land, sea and air. We have had a very interesting life together. I am sorry that I didn't get into ham radio sooner as I know that I have missed a great deal of fun. 73s

The balance in the AARC regular checking account as of February 9th is \$3,134.13. Gaming proceeds of \$9,253.00 were received from Boniface Bingo, Inc. in January. The proceeds have been deposited at Smith Barney Shearson. The current value of the gaming account is \$21,007.40, of which \$5,572.10 is invested in a long term bond and \$15,425.30 is in money market funds. The current value of the (gaming) holding account is \$4,947.43, all of which is invested in money market funds.

The current value of the Life Membership account is \$19,241.56. One life membership will be deposited into the account

this month.

The previously reported deposit error at Smith Barney Shearson has been corrected. Nancy Adams is currently on three weeks vacation and will return February 15th. I will contact her after the 15th to determine the status of the AARC tax filings.

The 1994 budget was approved by the membership at the February meeting.

Respectfully submitted,

John Lawson, NL7NC,
Treasurer, AARC, Inc.

VEC Results For January, 1994

Location	Call	From	To
Eagle River			
Wayne DiSarro		No License	NC Tech
Gregory J. Pepperd		No License	NC Tech
Jerry L. Sandidge	WL7HE	HF Tech	General
Fairbanks			
Robert S. Antion		No License	NC Tech
Joseph P. Belegirin III	WL7BR	NC Tech	HF Tech
Stacey M. Eggers		No License	NC Tech
Russell Eley	WL7LP	General	Advanced
Joseph J. Lee		Novice	HF Tech
Nancy L. Rawliuk		No License	NC Tech
Juneau			
Misti L. Hogberg		No License	NC Tech
Herbert C. McMurtry		No License	NC Tech
Alexis M. Rippe		No License	NC Tech
Anselm C. Staack		No License	NC Tech
John M. Stone	WL7QF	HF Tech	General

Note: NC Tech = No Code Technician
HF Tech = Technician with HF privileges

Submitted by Roger Hansen, KL7HFQ, VEC Director

Current Coordinated Repeaters In Southcentral Alaska

Band 144

Output	Input	Call	Location
144.610	145.210	NL7HP	Seward
145.450	144.850	KL7GG	Eagle River
146.640	146.040	KL7DOB	Matsu Valley
146.670	146.070	KL7EB	Anchorage
146.760	146.160	KL7JBV	Kodiak
146.760	146.160	NL7HP	Seward
146.940	146.340	KL7AA	Anchorage
146.970	146.370	KL7CC	Anchorage
147.000	147.600	KL7FZ	Matsu Valley
147.210	147.810	KL7M/ KL7FZ	Anchorage
147.300	147.900	KL7ION	Anchorage

Band 220

224.940	223.340	KL7AA	Anchorage
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Band 440

444.100	449.100	KL7GG	Eagle River
444.700	449.700	KL7AA	Anchorage
444.850	449.850	AL7LQ	Kodiak
444.950	449.950	NL7HP	Anchorage

Note the following repeaters CTCSS (PL) tone frequencies:

Band 144

Repeater Call	Frequency
KL7AA	100 & 141.3 Hz
KL7CC	103.5 Hz
KL7FZ	141.3 Hz
KL7GG	100 Hz

Band 440

KL7GG	100 Hz
-------	--------

A note from your frequency coordinator; the final coordination of a repeater is not complete until the coverage area, location, method of control, power, and height data are on file. It is this data that allows the coordinator to avoid assigning another repeater to the same frequency within your area.

It is normal policy that without

written notification to the coordinator:

1. Moving the location of the repeater or other network element.
2. Raising the height of the antenna(s), changing the pattern, raising the ERP.
3. Changing the operation frequency(ies) of the system.
4. Changing a sponsor or licensee.

(Continued from page 1)

space on the hard drive is no longer sufficient to maintain all of the packet files that have been submitted to the BBS.

The proposal is for a Gateway 2000 package which would include eight megabytes of random access memory, 454 megabyte hard drive, 5.25 and 3.5 inch floppy drives, 14.4 kilobaud internal modem, and a 250 megabyte tape backup system.

The proposal for the video system is calling for only a VGA monitor and controller. Total quoted cost for the replacement is \$2,498. This is comparable to the cost of the existing system 42 months ago.

The present computer would be moved to NL7NC's satellite gateway station as a dedicated fulltime computer for relaying Packet traffic via Satellites. It will replace the part time use of another computer.

John, NL7NC, the previous KL7AA-7 BBS Sysop, says that the amount of memory and storage in the computer will be sufficient for the Packet gateway operation.

5. Leaving the repeater "off the air" in excess of three (3) months.

shall be considered reason to void any coordination by the coordinator. It is the sponsor or trustee's responsibility to contact the coordinator. Coordination is renewed on a yearly basis and is due on the first of December.

Mel Bowns, KL7GG
HC 83, Box 1599

AARC GENERAL MEETINGS are held on the first Friday evening of each month in Room 102 of the Carr-Gottstein Building on the Alaska Pacific University Campus.

The campus is located at 4101 University Drive and Bragaw Streets. Parking is available only in the lot to the northeast of the building.

The meetings begin at 7:00 PM and visitors are always welcome! The AARC legendary raffle is open to everyone.

AARC BOARD MEETINGS are held on the second Wednesday evening of each month in Room 104 of the Carr-Gottstein Building on the APU campus. The meetings begin at 7:00 PM and are open to all club members and visitors.

ANCHORAGE ARES NET

The Anchorage area Amateur Radio Emergency Services net is held each Thursday evening at 8:00 PM on the KL7ION repeater on 147.3 (+.600). Net Control is Lil Marvin, NL7DL and alternate NCS station is KL7IO. The Westlink Amateur Radio report, Swap N Shop and the Parka Net follow the ARES net on the same frequency.

THE KL7AA REPEATERS

sponsored by the club are on 146.94 (at minus .600), 224.94 (-1.600) and 444.7 (+5.000). The two meter repeater located on the Hillside requires a 100 hz or a 141.3 hz tone for access.

The satellite two meter receiver located on Government Hill does not require a tone. The 125 cm repeater and the 70 cm repeater which are located at the two meter repeater site, also do not require tone for access. The repeater trustee is William Reiter, KL7ITI. Doug Dickinson, KL7IKX, is chairman of the VHF/UHF committee.

KL7AA-7 PACKET OPERATIONS

Ports are 145.01 mhz, 147.96 mhz and 445.05 mhz at 1,200 Baud; 7108.5 khz at 300 Baud and 445.11 mhz at 9600 Baud. Remember that 147.96 mhz is normally in use as the Iceworm link to other Alaskan communities and limit use of that port to evening hours.

A landline port is available at 300-9600 Baud, V32.bis compatible; registration is required. Contact Sysop Mel Saunders, AL7PB, at 349-4372 for info, or contact Sysops Doug KL7IKX, Paul WL7BF, Jim NL7C, Merle AL7LD or Bill AL7MM.

FREE LICENSE EXAMS are held on the first Wednesday evening of the month at 6:30PM in the Carr-Gottstein Bldg on the APU campus and on the third Wednesday evening of the month in Eagle River at 7PM in the basement of the VFW Hall.

VEC exams are also held on the second Saturday of each month at 2 PM at the Hope Cottage offices, 540 W. International Airport Blvd.

For more information contact VEC Director, Roger Hansen, KL7HFQ at 892-6365.

AARC MEMBERSHIP DUES are

\$20.00 regular, \$25.00 family and \$10.00 student. Dues are due one year from date of last payment. There is a 30 day grace period. Life memberships are available. Contact Lance Dunbar, AL7BK, (H) 337-6297 or (W) 561-5457.

Please remember that the club receives \$2.00 for each ARRL membership renewal and \$5.00 for each new ARRL membership if they are processed through the AARC.

AARC is affiliated with the ARRL.

ANCHORAGE AMATEUR RADIO CLUB, INC. PO BOX 101987 - ANCHORAGE, AK 99510-1987

NAME _____ CALL SIGN _____

ADDRESS _____ LICENSE CLASS _____

CITY _____ STATE _____ ZIP CODE _____ LICENSE EXPIRATION DATE _____

PHONE: HOME _____ BUSINESS _____ ARRL MEMBER? YES ___ NO ___ LIFE ___

YOUR STATION CAPABILITIES: HF _____ VHF _____ UHF _____ MOBILE HF _____ MOBILE VHF _____ MOBILE UHF _____

AMSAT/OSCAR _____ RTTY _____ PACKET _____ OTHER _____

Do you have other special interest in Amateur Radio? _____ MICROPROCESSOR/DIGITAL _____

TRANSMITTER HUNTS _____ FIELD DAY _____ FLEA MARKET _____

OTHER INTERESTS _____

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March 4th Meeting Augie Hiebert, Broadcast Pioneer

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